

MATERIAL SAFETY DATA SHEET : 00000167

U.S.E HICKSON

15 WALLSEND DRIVE

SCARBOROUGH ONTARIO M1E 3X6

(416) 724-2000

Product: STONE MASON INSTANT WATERPROOF CEMENT

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER.....U.S.E HICKSON PRODUCTS LTD.

15 WALLSEND DRIVE

SCARBOROUGH, ON

M1E 3X6

416-724-2000

PRODUCT NAME.....STONE MASON INSTANT WATER SEALANT.

PRODUCT USES.....CONCRETE DAMPPROOFING.

CHEMICAL FAMILY.....CEMENT, SAND MIXTURE.

SECTION 02: COMPOSITION/INFORMATION ON INGREDIENTS

%	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
---	-----------	-----------------------	-----------------------

PORTLAND CEMENT

40-60	65997-15-1	NOT APPLICABLE
-------	------------	----------------

5mg/m3 respirable

SILICON DIOXIDE

50-40	14808-60-7	NOT INDICATED	NOT INDICATED
	0.1 mg/m3		

TITANIUM DIOXIDE

1-5	13463-67-7	10,000 mg/kg	250 mg/m3
	10mg/m3	RAT ORAL	LUNG CANCER - RATS

CALCIUM HYDROXIDE

1-5	1305-62-0	ORL-RAT 7.34g/kg	NOT AVAILABLE
	5mg/cu.m.		

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY.....EYES CONTACT. INHALATION. SKIN CONTACT.

SKIN CONTACT.....DRYNESS, ITCHING, RASHES AND BURNS CAN
DEVELOP FOLLOWING CONTACT WITH SKIN. SKIN
ABRASIONS CAN OCCUR IF MATERIAL IS RUBBED
AGAINST THE SKIN. DERMATITIS AND SKIN
SENSITIZATION CAN DEVELOP AFTER REPEATED
AND/OR PROLONGED SKIN CONTACT.

SKIN ABSORPTION.....THIS MATERIAL IS NOT ABSORBED THROUGH SKIN
CONTACT AND NO SYSTEMICALLY TOXIC EFFECTS
ARE KNOWN VIA THIS ROUTE.

INHALATION.....PRODUCT CONTAINS CRYSTALLINE QUARTZ
("FREE") SILICA. REPEATED INHALATION OF

SILICA IN EXCESS OF THE TLV OVER EXTENDED PERIODS CAN RESULT IN IRREVERSIBLE FIBROSIS OF THE LUNGS (SILICOSIS). OVEREXPOSURE TO DUSTS CSN IRRITATE THE RESPIRATORY TRACT. IARC HAS ASSOCIATED HIGH EXPOSURE TO CRYSTALLINE SILICA WITH CANCER IN LABORATORY ANIMALS.

INGESTION.....NO TOXIC EFFECTS ARE KNOWN TO BE ASSOCIATED WITH THE INGESTION OF THIS MATERIAL. MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT IF INGESTED.

EYE CONTACT.....THIS MATERIAL CAN IRRITATE AND MAY BURN EYES FOLLOWING DIRECT CONTACT. THE AGGREGATE PARTICLES MAY CAUSE ABRASIONS TO THE CORNEA.

SECTION 04: FIRST AID MEASURES

EYE CONTACT.....DO NOT RUB EYES.IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS CONSULT DOCTOR.

SKIN CONTACT.....RINSE SKIN FREE OF MATERIAL WITH WATER TO AVOID ABRASION OF THE SKIN. DO NOT RUB UNTIL SKIN IS FREE OF MATERIAL THEN WASH THOROUGHLY WITH SOAP AND EATER. IF REDNESS, ITCHING, BURNING OR OTHER SYMPTOMS DEVELOP OR PERSIST SEEK MEDICAL

ATTENTION. REMOVE AND DECONTAMINATE
CLOTHING BEFORE RE-USE.

INHALATION.....REMOVE TO FRESH AIR. IF COUGH, IRRITATION,
DIFFICULTY IN BREATHING OR OTHER
RESPIRATORY SYMPTOMS PERSIST OR DEVELOP
CONSULT A PHYSICIAN.

INGESTION.....IF SWALLOWED, SEEK MEDICAL ATTENTION. DO
NOT INDUCE VOMITING UNLESS DIRECTED TO DO
SO BY MEDICAL PERSONNEL.

ADDITIONAL INFORMATION.....MUCOSAL INJURY FOLLOWING INGESTION OF THIS
MATERIAL MAY CONTRAINDICATE THE INDUCTION
OF VOMITING IN THE TREATMENT OF POSSIBLE
INGESTION.

SECTION 05: FIRE FIGHTING MEASURES

FLASH POINT (C), METHOD.....NOT APPLICABLE.

AUTO IGNITION TEMPERATURE.....NOT APPLICABLE.

UPPER FLAMMABLE LIMIT (% VOL).....NOT APPLICABLE.

LOWER FLAMMABLE LIMIT (% VOL).....NOT APPLICABLE.

EXTINGUISHING MEDIA.....NOT APPLICABLE.

HAZARDOUS COMBUSTION PRODUCTS.....NOT APPLICABLE.

SENSITIVITY TO MECHANICAL.....NO.

IMPACT

SENSITIVITY TO STATIC.....NO.

DISCHARGE

SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL.....KEEP UNNECESSARY PEOPLE AWAY. FOLLOW
PERSONAL PROTECTION PROCEDURES (SECTION 8)
WHEN CLEANING UP SPILLS. COLLECT SPILLED
POWDER BY DUSTLESS METHODES AND PLACE IN
CONTAINERS. IF NECESSARY, DIKE SPILLS OF
MIXED MATERIAL WITH ABSORBENT MATERIAL AND
SHOVEL INTO WASTE CONTAINERS. AVOID
GENERATING DUSTS. WET MATERIAL MAY BE
SLIPPERY. USE CAUTION TO AVOID FALLS.

SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES.....AVOID CONTACT WITH ACIDS AND OTHER
OXIDIZERS. MINIMIZE GENERATION OF DUST.
AVOID SKIN AND EYE CONTACT. AVOID SKIN AND
EYE CONTACT. AVOID BREATHING DUST. REMOVE
CONTAMINATED CLOTHING BEFORE REUSE.STORE
IN A COOL WELL VENTILATED PLACE AWAY FROM
INCOMPATIBLE MATERIALS.

STORAGE NEEDS.....NON-HAZARDOUS.PREVENT ACCUMULATIONS OF
DUST.STORE IN A COOL AND DRY PLACE, FOR
PRODUCT INTEGRITY.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT.....

EYE/TYPE.....FULL FACESHIELD OR CHEMICAL TIGHT GOGGLES

RECOMMENDED TO AVOID SPLASHING IN EYES
WHILE HANDLING, MIXING, PLACING OR AS LONG
AS SPLASH HAZARD EXISTS. SAFETY GLASSES
RECOMMENDED IF GRINDING, CUTTING, ETC. OF
HARDENED MATERIAL IS REQUIRED.

RESPIRATORY/TYPE.....WHERE EXPOSURE TO DUSTS FROM THIS PRODUCT
MAY EXCEED THE APPLICABLE EXPOSURE LIMITS
A MSHA-NIOSH APPROVED RESPIRATOR FOR THE
DUST SHOULD BE USED.

GLOVES/ TYPE.....IMPERVIOUS GLOVES.

CLOTHING/TYPE.....ADEQUATE TO AVOID SKIN CONTACT.

FOOTWEAR/TYPE.....ADEQUATE TO AVOID SKIN CONTACT.

OTHER/TYPE.....EYE WASH FACILITY SHOULD BE CLOSE IN
PROXIMITY.

VENTILATION REQUIREMENTS.....ADEQUATE VENTILATION TO AVOID CHRONIC
INHALATION OF DUST.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE.....SOLID.

ODOR.....NO ODOR.

SPECIFIC GRAVITY.....NOT AVAILABLE.

VAPOR PRESSURE (mm Hg).....NOT APPLICABLE.

VAPOUR DENSITY (AIR=1).....NOT APPLICABLE.

EVAPORATION RATE.....NOT APPLICABLE.

BOILING POINT (deg C).....NOT APPLICABLE.

pH.....NO DATA FOR THIS MIXTURE. INGREDIENTS ARE
STRONGLY ALKALINE WHEN MIXED WITH WATER.

SOLUBILITY IN WATER (% W/W).....SLIGHT.

COEFFICIENT OF WATER\OIL.....NOT APPLICABLE.

DISTRIBUTION

FREEZING POINT.....NOT APPLICABLE.

MELTING POINT (deg C).....NOT APPLICABLE.

SECTION 10: STABILITY AND REACTIVITY

INCOMPATIBILITY.....STRONG OXIDIZING AGENTS SUCH AS ORGANIC
AND INORGANIC ACIDS. ACIDS WILL REACT WITH
CEMENT, LIME AND CARBONATES.

HAZARDOUS PRODUCTS OF.....NONE.

DECOMPOSITION

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL.....SEE HAZARDOUS INGREDIENTS SECTION (2).

IRRITANCY OF MATERIAL.....REFER TO ROUTE OF ENTRY.

SENSITIZING CAPABILITY OF.....IN SUSCEPTIBLE INDIVIDUALS.

MATERIAL

CARCINOGENICITY OF MATERIAL.....QUARTZ (CRYSTALLINE SILICA) IS A SUSPECT
CARCINOGEN PER IARC.

TERATOGENICITY.....NOT KNOWN TO OCCUR.

MUTAGENICITY.....NOT KNOWN TO OCCUR.

REPRODUCTIVE EFFECTS.....NOT KNOWN TO OCCUR.

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL.....THIS PRODUCT IS NOT A CONTROLLED PRODUCT
UNDER THE CANADIAN WORKPLACE HAZARDOUS
MATERIALS INFORMATION SYSTEM (WHMIS) .

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL.....REUSE POWDER OR MIXED MATERIAL IF
UNCONTAMINATED. DISCARDED PRODUCT AND
HARDENED MORTAR ARE NON-HAZARDOUS WASTE.
DISPOSE OF AS NONHAZARDOUS WASTE IN
COMPLIANCE WITH APPLICABLE REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

T.D.G. CLASSIFICATION.....NOT REGULATED.

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION.....NOT A CONTROLLED PRODUCT.

SECTION 16: OTHER INFORMATION

NOTICE.....CANUTEC EMERGENCY (613) 996-6666. THE DATA
INCLUDED HEREIN ARE PRESENTED ACCORDING TO
U.S.E HICKSON PRODUCTS LTD.'S PRACTICES
CURRENT AT THE TIME OF PREPARATION HEREOF,
ARE MADE AVAILABLE SOLELY FOR THE
CONSIDERATION, INVESTIGATION AND

VERIFICATION OF THE ORIGINAL RECIPIENTS
HEREOF AND DO NOT CONSTITUTE A
REPRESENTATION OR WARRANTY FOR WHICH
U.S.E. HICKSON ASSUMES LEGAL RESPONSIBI
LITY. IT IS THE RESPONSIBILITY OF A
RECIPIENT OF THIS DATA TO REMAIN CURRENTLY
INFORMED ON CHEMICAL HAZARD INFORMATION,
TO DESIGN AND UPDATE IT'S OWN PROGRAM AND
TO COMPLY WITH ALL FEDERAL, PROVINCIAL AND
LOCAL LAWS AND REGULATIONS APPLICABLE TO
SAFETY, OCCUPATIONAL HEALTH, RIGHT-TO-KNOW
AND ENVIRONMENTAL PROTECTION.

MISCELLANEOUS INFORMATION.....PEL FOR SILICA CRYSTALLINE QUARTZ: FOR
RESPIRABLE DUST IN mg/m3:
10mg/m3/(%SiO2+2) FOR TOTAL DUST IN mg/m3:
30mg/m3/(%SiO2+2) .

PREPARED BY.....PROCESS DEVELOPMENT.

DATED.....04052001